



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

Sewerage & Water Board of NEW ORLEANS

625 ST. JOSEPH STREET
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52-WATER
www.swbno.org

January 20, 2022

Addendum No. 1

Your reference is directed to **Contract 1419 – Combustion Turbine Generator Procurement** for the Sewerage and Water Board of New Orleans which is scheduled to open at **11:00 a.m. Local time on February 25, 2021.**

This Addendum consists of 1 Page and 4 Attachment(s).

This addendum provides for the following:

- A1.1. All questions during the bid period should be addressed via email to the SWBNO Procurement Department, Andrew Kessler (akessler@swbno.org).
- A1.2. ADD the attached Affidavit to the bid documents after page 42 of the Official Bid Documents. The Affidavit document shall be submitted with Material Bid Proposal.
- A1.3. ADD generator soft start functionality to the Combustion Turbine Generator equipment capability. Updated language will be added to the specifications in a subsequent Addendum.
- A1.4. This Addendum includes the following attachments (not included in the page count):
 - a. Attachment 1 – Affidavit
 - b. Attachment 2 – Questions and Responses – Version 0, Dated January 19, 2022.
 - c. Attachment 3 (For Information Only) – Presentation providing project overview and details as presented in the pre-bid meeting conducted via MS Teams at 10:30 am CST on Friday, January 14, 2022.
 - d. Attachment 4 (For Information Only) - Pre-bid meeting attendance sheet.

The changes, additions, and/or deletions included herein are hereby made part of the Contract Documents for the CP-1419 Combustion Turbine Generator project, as fully and completely as if the same were set forth therein. The bidder shall acknowledge receipt thereof on the Form of Proposal and by attaching it to the specifications.

***** END OF ADDENDUM *****

STATE OF LOUISIANA
PARISH OF ORLEANS

AFFIDAVIT

BEFORE ME, the undersigned authority, duly commissioned and qualified and sworn in and for the State and Parish aforesaid, personally came and appeared _____ who after being duly sworn, did depose and say as follows:

- 1) He/she is the _____ (title) of _____ (company);
- 2) He/she has not been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes, or equivalent federal crimes, listed in Louisiana Revised Statute 38:2227, specifically: public bribery, corrupt influencing, extortion, money laundering, theft, identity theft, theft of a business record, false accounting, issuing worthless checks, bank fraud, forgery, contractors misapplication of payments, malfeasance in office.
- 3) The contracting entity, person or corporation whose principal(s), member(s), and /or Officer(s) have, within the preceding 5 years, not been convicted or plead guilty to, a felony under state or federal statutes, for embezzlement, theft of public funds, bribery, falsification or destruction of public records; (City Code Section 2-8)
- 4) The following is a list of individual partners, incorporators, directors, managers, officers, organizers, or members who have a minimum ten percent interest ownership interest in the bidding entity:

_____ (name) _____ (name)
_____ (name) _____ (name)
_____ (name) _____ (name)
- 5) No other persons hold an ownership interest in the bidding entity via a counter letter.
- 6) None of the above named individual partners, incorporators, directors, managers, officers, organizers, or members, who has a minimum ten percent interest ownership in the bidding entity, been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes, or equivalent federal crimes, listed in Louisiana Revised Statute 38:2227, specifically: public bribery, corrupt influencing, extortion, money laundering, theft, identity theft, theft of a business record, false accounting, issuing worthless checks, bank fraud, forgery, contractors misapplication of payments, malfeasance in office.
- 7) He/she is not delinquent on any taxes owed the City of New Orleans or fees/charges to the Sewerage and Water Board. (City Code Section 2-8)

The following sections apply only to Public Works Contracts:

- 8) In accord with LA Revised Statute 38:2212.10 the entity represented herein is registered and participates in the "Status verification system" of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324(a), known as the "E-Verify" program to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- 9) The entity represented herein shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.
- 10) The entity represented herein shall require all subcontractors to submit to the contractor a sworn affidavit verifying compliance with the Status verification system.

WITNESSES:

AFFIANT

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS

_____ **DAY OF** _____, 20____.

NOTARY PUBLIC

Notary Id. No. or Bar Roll No.

PLEASE PRINT NAME OF NOTARY

CP-1419 – Combustion Turbine Generator

Questions and Responses During Bidding

Version 0, Dated: January 19, 2022

BIDDER QUESTION 1: Please let us know if Section 6-16 Professional Service Contracts can be deleted or ignored.

RESPONSE 1: Section 6-16 on pages 60 to 101 do not apply to Contract 1419.

BIDDER QUESTION 2: Advertisement Proposal Opening Date of Feb 25 @ 11am conflicts with SWBNO online bid advertisement “Response Due Date of 2/22/2021 11:00AM” Inconsistency To be Clarified.

RESPONSE 2: This inconsistency has been corrected on the SWBNO web page. The bid opening is February 25, 2022 at 11:00AM local time.

BIDDER QUESTION 3: Can Bid Opening @ SWBNO be attended in person? Per A 5.1.1 (p10) The properly identified Bids received on time will be opened publicly at the place, date and time indicated in these specifications.

RESPONSE 3: The Material Bid Proposal Section A 6.0 and A 7.0 indicate that the bid opening will be publicly accessible via teleconference or via Microsoft Teams. Bids will be read aloud at this meeting.

BIDDER QUESTION 4: Page 23; Contract Article 17.A; Warranty Period: 24 mos from Substantial Completion. Inconsistent with Page 111 Paragraph 1.04G: Warranty of CTG Equipment: 12 mos from Substantial Completion. Please clarify.

RESPONSE 4: The warranty period shall be 12 months from first-fire or 24 months from delivery, whichever comes first. The contract documents will be updated to remove the discrepancy.

BIDDER QUESTION 5: Page 924; Section 43.12.00 2.04 1.2; Motor starters and Motor Control Centers provided by others for 480V motors. Conflict with Page 1031 Schematic description of 480V Aux Switchgear. Please clarify delivery responsibility for motor starter and MCC.

RESPONSE 5: Specification Section 43.12.00 2.04 1.2 will be corrected to reflect the scope indicated on 1419-M-SK04, where the 480V MCC for any equipment supplied under CP-1419 is the responsibility of the CP-1419 Supplier.

BIDDER QUESTION 6: Page 962; Section 48.11.23 2.04 7.a.3; Transfer to standby cooler during normal operation Standby cooler? Do they mean standby filter? Please clarify.

RESPONSE 6: The requirement is for the bidder to provide redundancy for the lube oil cooler. Depending on the bidder’s design, a redundant fan for the air-cooled lube oil cooler may be provided. There is not necessarily a transfer requirement if the fans provide cooling to the same heat exchanger. The redundant fan must be started automatically in the event of failure. Duplex filters are required as specified in Section 48.11.23 2.04 7.a.6.

BIDDER QUESTION 7: Page 971; Section 48.11.23 2.04 H.5.i; Manual synch, both software and hardware to generator breaker. Manual synchronization design requirement is not state of the art anymore and would represent an unnecessary cost adder in our mind. Please confirm this is required.

RESPONSE 7: Manual and Automatic synchronization capability shall be supplied. SWBNO wants to maintain the flexibility to synchronize manually if the automatic function is out of service.

BIDDER QUESTION 8: Page 960; Section 48 11 23 2.03 C.2; Does this paragraph apply to the entire ambient range or just the design point?

RESPONSE 8: Emissions guarantees apply to the entire range of ambient conditions.

BIDDER QUESTION 9: Is there a formal process to submit technical exceptions?

RESPONSE 9: Technical exceptions will not be reviewed during the bid evaluation process. The bidder must meet all requirements included in the bid documents. Adjustments to the technical requirements are possible through SWBNO's procurement Addendum process; i.e. Questions and Answers prior to the bid due date.

BIDDER QUESTION 10: The bid documents include fuel analysis information for High Pressure Fuel Gas, Low Pressure Fuel Gas and No 2 Fuel Oil. Which analysis should be used for guarantees?

RESPONSE 10: The High Pressure Fuel Gas analysis should be used for guarantees.

BIDDER QUESTION 11: Does all equipment need to be either all new or all refurbished?

RESPONSE 11: A combination of new and refurbished equipment is allowable.

BIDDER QUESTION 12: What is considered the design point for emission guarantees?

RESPONSE 12: Refer to the response provided to Bidder Question 8.

BIDDER QUESTION 13: What is the validity period for the bids?

RESPONSE 13: The validity period for the bids shall be 45 days.

BIDDER QUESTION 14: Can multiple units be supplied to meet the total capacity requirements?

RESPONSE 14: Multiple units may be provided as long as all requirements of the bid documents are met. Specific attention is recommended regarding site constraints and start up load requirements.

BIDDER QUESTION 15: Does all supplied equipment require a control system or will any of it be controlled by the balance of plant control system provided by others?

RESPONSE 15: Equipment provided by Contractor shall have its own control system which will interface to the Plant SCADA System (PSS) which is the balance of plant control system as well as the Power Distribution Control System (PDCS) which is the electrical master. Reference Specification Section 43 12 00, page 18 paragraph 2.04.K for the compressor, 48 11 23, page 17 paragraph 2.04.C for the water treatment system and 48 11 23, page 23 paragraph 2.04.H for the turbine and 40 90 10 I&C scope of work document. Also, reference information document 1419-I-SK01A shows a conceptual network diagram for the plant. In general, the PSS will interface from the process standpoint and the PDCS will be interfaced to control the electrical distribution and load management. Specifically, for

medium voltage motors, the process side will start them, but a “handshake” with the PDCS will be required to ensure there is adequate system load to allow the motor to start. Medium voltage main-tie-main breakers will be controlled by the PDCS. Low voltage process motors can start without a cross tie to the PDCS.

Sewerage & Water Board of New Orleans

CP-1419 Pre-Bid Meeting

January 14, 2022

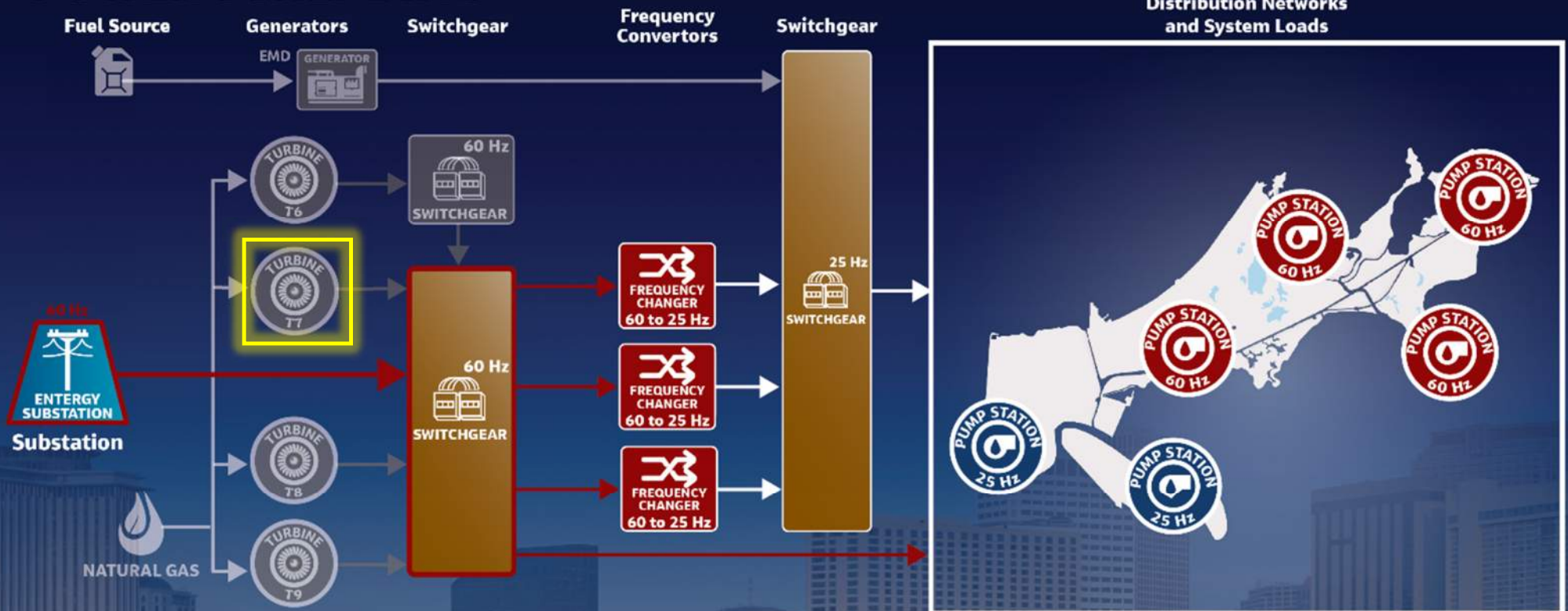


Sewerage & Water Board of New Orleans

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POWER SCHEMATIC



PHASE 1
FINAL



CTG-7 Project

Division of Responsibility with related projects

- CP-1419 CTG-7 Equipment Procurement
- CP-1420 CTG-7 Installation and Interconnection
- CP-1425 GSU Transformer Procurement
- CP-1426 Black Start Generator Procurement
- CP-1427 Packaged Auxiliary Electrical Equipment



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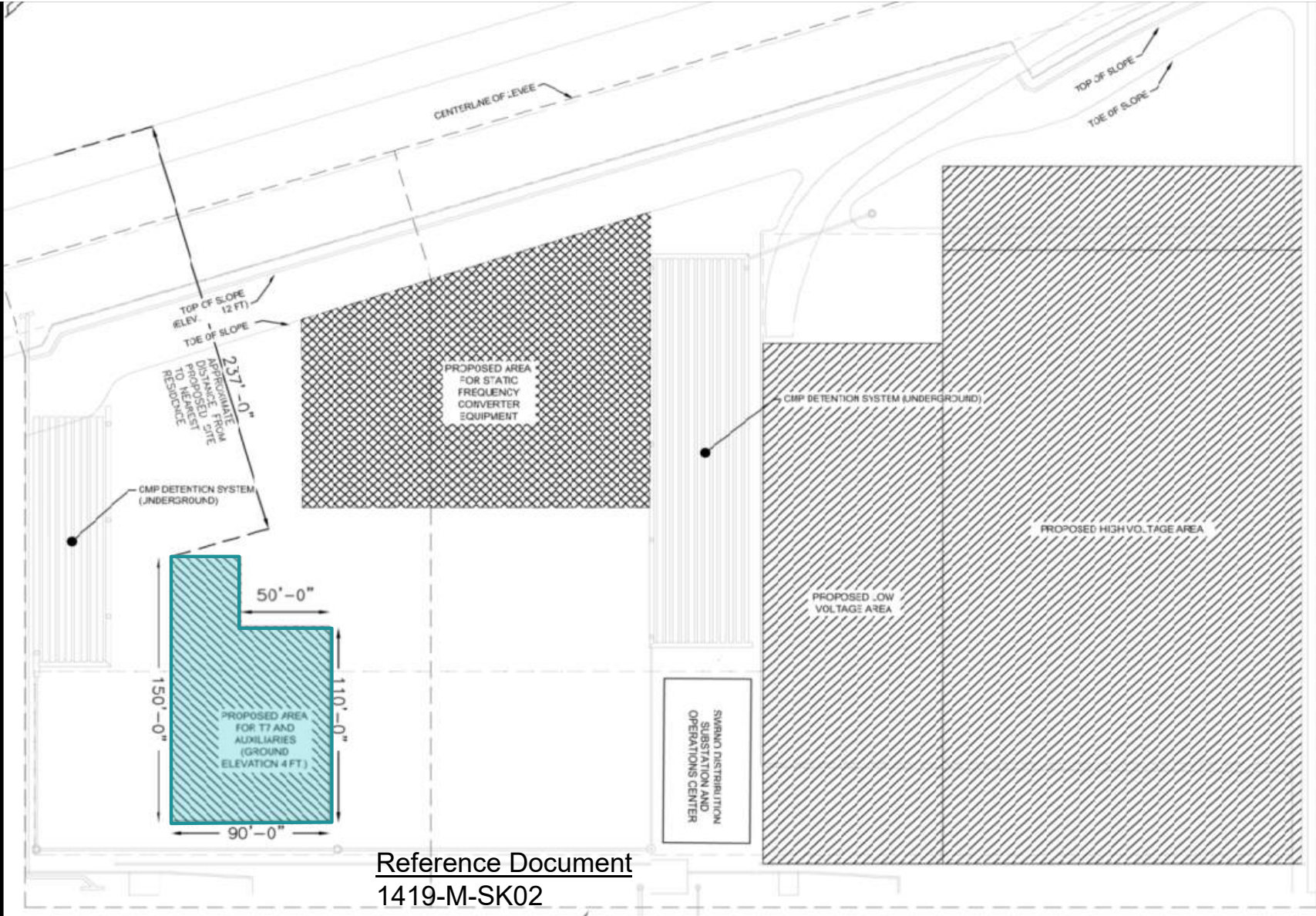
Site Considerations

- Available space for CTG and FGC equipment
- Distance to nearby residences
- Coordination with other ongoing projects

Bid Requirement

- Proposed equipment layout in the dimensioned site layout

01 11 01, Project
Summary of Work,
1.03.B



Reference Document
1419-M-SK02



Schedule Milestones

Bid Requirement

- Milestone schedule with key dates

01 11 01, Project Summary of Work, 1.03.A

Key Milestone	Schedule – New Equipment	Schedule – Refurbished Equipment
Design Submittal	10 weeks after NTP	4 weeks after NTP
Design Approval	4 weeks after Design Submittal	4 weeks after Design Submittal
Delivery to Project Site	12 Months after Design Approval	6 Months after Design Approval



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Vendor Qualification Requirements

CTG Equipment

Qualifications: 48 11 23, Combustion Turbine Generator, 1.03.A

- *Only bidders with demonstrated experience in the manufacturing, testing, and servicing of CTG units will be considered. If the bidder is a packager or independent representative, a letter shall be provided from the CTG OEM authorizing the bidder to sell and service the proposed Combustion Turbine Generator package.*

FGC Equipment

Qualifications: 43 12 00, Fuel Gas Compressor, 1.03.A

- *Only bidders with demonstrated experience in the manufacturing, testing, and servicing of FGC units will be considered. If the bidder is a packager or independent representative, a letter shall be provided from the FGC OEM authorizing the bidder to sell and service the proposed FGC package. Bids shall include a complete list of customers of the FGC OEM.*



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Technical Data Requirements

CTG Equipment

Performance Requirements: 48 11 23, Combustion Turbine Generator Supplement Data Sheets

- *Supplier shall submit completed performance data sheets for the proposed CTG*

FGC Equipment

Performance Requirements : 43 12 00, Fuel Gas Compressor Supplement Data Sheets

- *Supplier shall submit completed performance data sheets for the proposed Fuel Gas Compressor*



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Questions



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SEWERAGE & WATER BOARD OF NEW ORLEANS
PROCUREMENT DEPARTMENT
SIGN-IN SHEET

PROJECT: 1419 Turbine Generator 7 Procurement			MEETING DATE: January 14, 2021 at 10:30 a.m.	
PLACE/ROOM: Via Microsoft Teams			FACILITATOR: Andrew Kessler, Procurement Department	
NAME	TITLE	COMPANY	PHONE	EMAIL
Andrew Kessler	Procurement Analyst	Sewerage & Water Board of New Orleans	504-585-2135	akessler@swbno.org
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